

# WMD Radiological/Nuclear Course for HazMat Technicians

*Delivered by the U.S. Department of Energy (DOE) National Nuclear Security Administration, Nevada Operations Office (NNSA/NV), National Center for Exercise Excellence (NCEE), at the Nevada Test Site (NTS), a member of the National Domestic Preparedness Consortium (NDPC), through Bechtel Nevada (BN), Counter-Terrorism Operations Support (CTOS).*

## **Course Description:**

The course covers WMD training for the HazMat technician focused on the current threat of radiological or nuclear attacks, fundamental principles of ionizing radiation, biological health and medical effects of radiological and nuclear material, hazard and risk assessment, entry and egress planning considerations, radiological survey instruments, dosimetry, appropriate situation-dependent personal protective equipment, radioactive waste-related transportation issues, and radiological decontamination considerations. The course will provide classroom instruction and scenario-driven hands-on practical exercises with a culmination exercise that includes radiological sources, smoke, emergency response vehicles, and role players.

## **Course Length:**

32 hours (four 8-hour days)

## **Prerequisites:**

OSHA Certified Hazardous Materials Technicians

## **Target Audience:**

Hazardous materials trained personnel, as well as law enforcement, bomb squad, and emergency medical service (EMS) personnel who have cross-trained to the level of HazMat Technician.

## **Certificate:**

Yes (CEUs to be determined)  
U.S. Department of Energy, National Center for Exercise Excellence, Nevada Test Site certificate

## **Eligibility:**

This course is primarily intended for those responders trained to the HazMat Technician Level. It is the responsibility of the jurisdiction to determine course participants.

## **Course Delivery:**

Delivered at the U.S. Department of Energy, National Center for Exercise Excellence, Nevada Test Site.

## **Cost:**

All training and course materials are free to participants.

## **Contact:**

In order to attend the training class delivered by one of the Office for Domestic Preparedness (ODP) training partners, a request must be provided to the designated training point of contact (see the State Administrative Agencies [SAA] List in Appendix A--call ODP Help Line at 800-368-6498).

For more specific information regarding this course contact:

Registration Desk  
Bechtel Nevada  
Counter-Terrorism Operations Support  
U.S. Department of Energy/NNSA  
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